

Department of Public Works

Town Report

2013

Public Works Administration - The Public Works Administration provides for all the processing and record keeping of all activities within Public Works. The records maintained consist of buildings, cemeteries, developments, highways, memorials, parks, recycling center and storm water. The office processes everything from payroll and accounts payable to citizen concerns and requests. The office also provides for inspection services for construction activities in existing right-of-way as well as construction of new right-of-way in new developments. During the calendar year 2013 we issued 21 street opening permits, 22 driveway permits, and 2 pole licenses.

Cemeteries – DPW crews annually maintain and upgrade the 5 cemeteries within the town with activities including mowing, brush cutting, tree pruning, raking, and grounds maintenance.

There were 15 full burials and 20 cremation burials in 2013. DPW crews installed foundations for 7 monuments as well as placing 5 military markers. There were 39 full or cremation graves sold in 2013.

Upgrades in lawn care continued this year in Riverside Cemetery as well as the removal of underbrush around the cemetery. Three dead and/or dying trees were removed in North Yard Cemetery in order to protect the fragile headstones from damage.

We would like to thank the Cemetery Trustees for their continued service and support. (Mary Dickson – Chairman, Leonard Harten, Steve Trombly)

Highway Right of Way Maintenance – The town maintains approximately 93 miles of roadway and 11 miles of sidewalk. We continue to implement our yearly programs such as roadway sweeping, grading gravel roads, roadside ditch and culvert cleaning, tree and brush trimming, line painting, roadside mowing and sidewalk maintenance.

Crack Sealing – The annual crack sealing program is all done in house by DPW staff. This year there was 35,426 linear lane feet done. The amount which is done every year is determined by the condition, amount and size of the cracks in the roadway surface. DPW staff will continue this preventative maintenance program in the future, which will add life to the road surface. This year's increase is due to crack filling some roads before they are in bad condition.

The following roads were part of the surface rehabilitation program,

<u>Grade/Pave Reclaim</u>	<u>1 1/4" Shim and Overlay</u>	<u>1" Overlay</u>	<u>Crack Sealing</u>
Beech/Smith	Comstock Rd Colburn Rd	Melendy Rd	Osgood Rd Melendy Rd Ball Hill Rd Badger Hill Rd Ruonala Rd Burn Rd

Highway Winter Maintenance – The total snowfall for year 2013, as recorded by Jamie Soucy of wastewater and a National Weather Service Co-operative Observer, was 63.8”. The following is a monthly breakdown:

SNOWFALL IN MILFORD, NEW HAMPHIRE – 2013

Measured in inches and tenths, for 24 hour periods ending at 7:00 pm

<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>October</u>	<u>November</u>	<u>December</u>
4.1	23.3	17.6	0.0	0.0	0.0	18.8

Storm Drainage Maintenance –A contractor is hired annually to clean storm drains. This year 1100 storm drains with DPW assisting were cleaned. DPW with its new vac-sweeper cleaned an additional 15 storm drains. This year we were able to video 9,891 feet of our drainage system. We also flushed and cleaned 11,375 feet of drain lines.

Sign Maintenance – Federal mandate has required all communities to begin a retro reflectivity standard program for all signage. Towns must inventory, determine condition of signs, replace or upgrade as needed and place them in a maintenance program to meet retro reflectivity sign standards. DPW is using new software to assist in the program, along with the yearly tracking of stolen or repaired signs and the addition of new signs.

Highway Street Lighting – Currently there are 424 street lights rented on a monthly basis from Public Service of New Hampshire.

Roadway Striping – The town annually hires a contractor to refresh the highway pavement marking lines. This year 31.5 miles of double yellow and 17 miles of white fog line were done. DPW crews refresh crosswalks, stop bars, handicapped and standard parking space lines and other roadway markings throughout the town.

Dam Maintenance – The Town of Milford has oversight of 6 dams.

Bridge Maintenance – There are 19 bridges within the Town of Milford. Three (3) of these bridges are permanently closed. Three (3) of them are “red listed”; four (4) are rated as “fair”; four (4) are rated as “satisfactory”; two (2) are rated as “good”; and three (3) are rated as “very good” by the state.

Park Maintenance –The DPW crews annually maintain and upgrade the towns 15 parks and 4 memorials with activities such as mowing, raking, pruning, weeding, vandalism repairs, painting, new plantings of plants and maintenance of irrigation systems.

Facilities Management

We have fourteen (14) buildings and fifteen (15) structures that we maintain throughout the year.

This maintenance includes custodial work, mechanical repair, annual maintenance, snow removal, sidewalk treatment, exterior /interior repairs and upgrades as well as scheduling all inspections and monitoring maintenance contracts.

We also provide services for functions within town facilities which include set up, tear down, and clean up. This year we provided services for 54 functions.

Other related programs and projects – The Hillsborough Department of Corrections work program was able to provide the town with 6 weeks of 10 men performing duties such as painting, brush cutting, fall cleanup and some construction duties.

Rail Trail (Conservation Commission) – Each year DPW works 1 to 2 weeks on a section of rail trail, improving the condition of the trail.

~~~~~

### **- RECYCLING CENTER -**

This year a total of 2,470.10 tons of MSW trash was disposed of at this facility. The trash was delivered to Wheelabrator's Concord facility which is located in Penacook, N.H., a waste to energy plant under contract with Waste Management and the Town of Milford. There was also 810.31 tons of demolition material including painted, varnished and stained wood, sheet rock, insulation, shingles, mattresses, and overstuffed furniture that was transported to staging sites in Londonderry, Auburn, and Salem/Peterborough under a contract with Waste Management and the Town of Milford.

The department's recycling effort from January through December removed from the waste stream a total of 1,366 tons. (This does not include propane tanks which are shipped out by the piece.)

The Town started a new pilot program in September 2004 where we have the residents voluntarily separate glass and place them directly into the hoppers. The glass is then hauled to Goffstown, NH and ground up for use as road bedding through a program with the NRRA. In the updated ordinance of 2007 glass separation is mandatory for all who use the Transfer Station. For the year 2013 we have shipped 245.00 tons of glass to Goffstown. The glass program continues to save money as we move forward and fully implement the program. The final product after crushing is used for road bedding. This number does not include residents who are in the craft business making lamps out of bottles, all types of "glass" for resale that comes and is picked up weekly. We also have a couple of business owners making counter tops out of glass. This saves on disposal costs and the glass is being recycled. In 2012, toilets with metal fixtures detached were added to glass.

Approximately 740 cubic yards of yard and leaf materials were added to our composting effort. The material is piled in windrows and periodically turned over. After about 2 years, it has decomposed into an excellent product that can be used as a soil amendment and is currently free to residents. Thank you to all the Milford residents for their continued efforts to empty out all bags of leaves out into the leaf pile and for continuing to keep contaminated debris out of leaves for our wonderful product of composting used by residents for gardens, landscaping, flower beds, grass, etc. We would like to send a special thank you once again to Soiland for all his time, equipment and dedication at the Transfer Station for the work with the compost piles (old and new), leaves and the use of pushing up our brush piles from time to time when needed as they grow. As a reminder to all residents, we also offer wood chips for free to anyone needing this material and clean pallets from the brush pile.

Total electronics shipped out for 2013 totaled 56,565 pounds. We have two vendors (1 vendor picks up CPUs only). We also have school children who pick up CPUs to repair for school projects. We shipped out 257 freon items which includes refrigerators, air conditioners and dehumidifiers. In 2011 we added plastic grocery bags, clean to reuse at the "Still Good Shed". Residents can drop them off for reuse. In 2013, after a request from gardeners, we added plastic butter dishes, yogurt cups, and cottage cheese containers to the items in the Still Good Shed.

Several projects were completed at the Transfer Station in 2013 which included:

- Addition to Still Good Shed and upgrades made to original section
- Paving in front of Still Good Shed and paving extended in front of clothing and shoe drop off area and employee parking area
- Recycling overhang for drop off area
- Preventative storm water maintenance around Transfer Station and Recycling Center

| Milford Recycling Center Historical Data |                    |                          |               |       |                           |                  |                           |                         |               |                        |                       |                              |                         |                     |                       |       |                  |                                       |      |                        |                |           |
|------------------------------------------|--------------------|--------------------------|---------------|-------|---------------------------|------------------|---------------------------|-------------------------|---------------|------------------------|-----------------------|------------------------------|-------------------------|---------------------|-----------------------|-------|------------------|---------------------------------------|------|------------------------|----------------|-----------|
| Solid Waste                              |                    |                          |               |       | Miscellaneous Solid Waste |                  |                           |                         |               | Recyclable Solid Waste |                       |                              |                         |                     |                       | Other | Total            | Transfer Station Expenses and Revenue |      |                        |                |           |
| Year                                     | MSW* Trash Tonnage | Demolition Trash Tonnage | Glass Tonnage | Total | Batteries tons            | Electronics Tons | Freon #of units evacuated | Number of propane tanks | Tires Tonnage | Total                  | Aluminum cans Tonnage | Corrugated cardboard Tonnage | Metals and tins Tonnage | Mixed Paper Tonnage | Plastics #1,2 Tonnage | Toatl | Clothing Tonnage | Grand Total                           | Year | Non-cap Op Budget Cost | Revenue Income | Net Cost  |
|                                          |                    |                          |               |       |                           |                  |                           |                         |               |                        |                       |                              |                         |                     |                       |       |                  |                                       |      |                        |                |           |
| 2004                                     | 3299               | 1277                     | 137           | 4713  | 12                        | 0                | 0                         | 0                       | 30            | 42                     | 25                    | 140                          | 497                     | 468                 | 70                    | 1200  | 110              | 6065                                  | 2004 | \$671,570              | \$140,031      | \$531,539 |
| 2005                                     | 3275               | 1341                     | 235           | 4851  | 14                        | 0                | 0                         | 341                     | 33            | 47                     | 33                    | 126                          | 219                     | 452                 | 69                    | 899   | 55               | 5852                                  | 2005 | \$656,822              | \$131,984      | \$524,838 |
| 2006                                     | 3196               | 1402                     | 235           | 4833  | 21                        | 0                | 294                       | 226                     | 22            | 43                     | 42                    | 117                          | 238                     | 480                 | 80                    | 957   | 53               | 5886                                  | 2006 | \$681,045              | \$172,722      | \$508,323 |
| 2007                                     | 3014               | 1072                     | 256           | 4342  | 20                        | 8                | 495                       | 343                     | 16            | 44                     | 21                    | 257                          | 224                     | 493                 | 65                    | 1060  | 60               | 5506                                  | 2007 | \$656,630              | \$179,190      | \$477,440 |
| 2008                                     | 3043               | 1030                     | 259           | 4332  | 41                        | 22               | 371                       | 400                     | 22            | 85                     | 22                    | 107                          | 165                     | 501                 | 73                    | 868   | 72               | 5357                                  | 2008 | \$685,718              | \$184,285      | \$501,433 |
| 2009                                     | 2930               | 1008                     | 272           | 4210  | 50                        | 35               | 425                       | 550                     | 41            | 126                    | 32                    | 125                          | 190                     | 664                 | 78                    | 1089  | 93               | 5518                                  | 2009 | \$712,874              | \$123,803      | \$589,071 |
| 2010                                     | 3006               | 957                      | 264           | 4227  | 75                        | 30               | 300                       | 600                     | 63            | 168                    | 36                    | 130                          | 200                     | 725                 | 85                    | 1176  | 97               | 5668                                  | 2010 | \$715,254              | \$142,103      | \$573,151 |
| 2011                                     | 2528               | 867                      | 257           | 3652  | 102                       | 30               | 400                       | 594                     | 43            | 175                    | 20                    | 90                           | 150                     | 383                 | 65                    | 708   | 95               | 4630                                  | 2011 | \$654,647              | \$189,140      | \$465,507 |
| 2012                                     | 2307               | 832                      | 274           | 3413  | 155                       | 33               | 351                       | 495                     | 48            | 236                    | 22                    | 92                           | 140                     | 389                 | 60                    | 703   | 98               | 4450                                  | 2012 | \$654,115              | \$151,177      | \$502,938 |
| 2013                                     | 2470               | 810                      | 245           | 3525  | 170                       | 29               | 257                       | 475                     | 50            | 249                    | 18                    | 97                           | 205                     | 384                 | 62                    | 766   | 106              | 4646                                  | 2013 |                        |                | \$0       |
| Total                                    | 29068              | 10596                    | 2434          | 42098 | 660                       | 187              | 2893                      | 4024                    | 368           | 1215                   | 271                   | 1281                         | 2228                    | 4939                | 707                   | 9426  | 839              | 53578                                 |      |                        |                |           |
| Avg                                      | 2907               | 1060                     | 243           | 4210  | 66                        | 19               | 289                       | 402                     | 37            | 122                    | 27                    | 128                          | 223                     | 494                 | 71                    | 943   | 84               | 5358                                  |      |                        |                |           |

In September of 2002, the Town of Milford implemented a new recycling recovery program, which includes the removal of paper recyclables (residential mixed paper). Integrated Paper provided a two cubic yard compactor and a 40 cubic yard roll off container at no charge. The roll-off container was picked up on site every week and is replaced with another. This year 384 tons of mixed paper was taken out of the waste stream. As of May 2011, the town went with Empire Recycling out of Billerica, MA who provides the same set up and picks up once a week or as needed.

**MILFORD'S MIXED PAPER RECYCLING**

Please put only the items listed in the left-hand column (see below) in the mixed paper container. **ALSO, PLEASE NO PLASTIC BAGS!**

| ACCEPTABLE PAPER                              | NOT ACCEPTABLE PAPER                                  |
|-----------------------------------------------|-------------------------------------------------------|
| COMPUTER PAPER                                | CARBON PAPER                                          |
| PAPER BAGS                                    | SELF SEALING ENVELOPES                                |
| MAGAZINES                                     | MYLAR                                                 |
| CATALOGS                                      | TYVEK                                                 |
| WHITE/COLORED OFFICE PAPER                    | FOIL PAPER                                            |
| FAX PAPER                                     | JUICE BOXES (FOIL INSIDE)                             |
| ENVELOPES (WITH OR WITHOUT WINDOWS)           | PAPER WITH ANY METALS (BESIDES PAPER CLIPS & STAPLES) |
| TAB CARDS                                     | BLUE PRINTS                                           |
| NEWSPAPERS (AND GLOSSY INSERTS)               | PLASTIC COATED PAPER                                  |
| MANILA FOLDERS                                | TISSUE PAPER                                          |
| TELEPHONE BOOKS                               | PAPER TOWELS                                          |
| STAPLED & PAPER CLIPPED PAPER                 | NAPKINS                                               |
| PAPER BROCHURES                               | PAPER CUPS & PLATES                                   |
| CHIPBOARD (CEREAL BOXES, TISSUES BOXES, ETC.) | ANY PAPER SOILED (WITH FOOD, OILS, ETC.)              |
| PAPERBACK BOOKS                               | WAX CARDBOARD                                         |
| JUNK MAIL (PLASTIC WINDOWS OK)                | PLASTIC LAMINATED PAPER                               |
| MIXED OFFICE PAPER                            |                                                       |
| NOTEBOOK PAPER                                | PLEASE ASK IF YOU HAVE QUESTIONS                      |
| DRAWING PAD PAPER                             |                                                       |

**Town of Milford , NH**

Congratulations for being such active recyclers!

The recyclable materials listed below were sent to market to be remanufactured into new products through your non-profit recycling organization, the Northeast Resource Recovery Association.

| Recyclable Material    | Amount Recycled in 2013   | Environmental Impact!                                                                                                                             |
|------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           | Here is <b><u>only one</u></b> benefit of using this recycled material rather than natural resources (raw materials) to manufacture new products. |
| Aluminum Cans<br>Paper | 33,400 lbs<br>380.66 tons | Conserved enough energy to run a television for 3,398,784 hours!<br>Saved 6,471 trees!                                                            |
| Plastics               | 48.99 tons                | Conserved 73,485 gallons of gasoline!                                                                                                             |
| Scrap Metal            | 105 tons                  | Conserved 105,330 pounds of coal!                                                                                                                 |
| Steel Cans             | 41,860 lbs.               | Conserved enough energy to run a 60 watt light bulb for 1,088,360 hours!                                                                          |

The Milford Transfer Station continues to utilize as many community workers as possible throughout the year. We work with the prosecutors and courts including the surrounding towns to help kids and adults who may be in trouble with the law and who are requested to do community service with the Town. This year we had 300 community workers at various times. We also worked very closely with the Welfare Department utilizing the work program implemented for residents that receive assistance from the town. This program has enormously grown in the last 2 years. Each individual who gets assistance is responsible for contacting the Transfer Station manager for a set schedule on a weekly basis.

We would like to thank the Board of Selectmen for their continued interest and support in our very busy recycling operation and especially to the Milford residents for their continued support and cooperation in our recycling efforts and willingness to do more with recycling. Also thanks to all of you who donated time at our very successful Hazardous Waste collection at the DPW garage. We look forward to having it again in May 2014.

Special thanks to volunteers Fred, Moe and Sandra who donated their time and energy at the Still Good Shed and up on the hill at the Demo Area. They spend their days helping the community and assisting residents during our peak hours. Thanks also to all the volunteers on the Recycling/Solid Waste Committee for your attendance at monthly meetings and all the homework involved, as well putting together a Warrant Article for a mobile structure for a new office/scale house/employee lunch room with a locker/changing area. Thank you for your encouragement, dedication and continued support. We look forward to working with you all in 2014.

Respectfully submitted, Ricky Riendeau, Director of Public Works